OCT 1 1 2006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Mukerji, et al.

Serial No.: 10/060,793

Filed: January 30, 2002

For: DESATURASE GENES, ENZYMES ENCODED THEREBY AND USES

THEREOF

Case No.: 6884.US.01

Examiner: E. McElwain

Group Art Unit: 1638

CERTIFICATE OF FACSIMILE TRANSMISSION:

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being sent by facsimile transmission to the number shown below on the date shown below:

Bxaminer Elizabeth F. McElwain

Group Art Unit 1638

Commissioner for Patents

Recipient Telefax Number: (571) 273-8300

Date of Deposit: October 11, 2006

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10/11/06 There

AMENDMENT UNDER 37 C.F.R. § 1.116

AF Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Office Action of August 11, 2005, please amend the aboveidentified application as follows:

Amendments to the Claims begin on page 2 of this paper. Remarks begin on page 9 of this paper.